

In re application of: KRAMER, M., et al.
Appln. No.: 09/787,559
Examiner: Angell, J.

Listing of Claims:

1. (Cancelled).
2. (Currently amended) An isolated nucleic acid comprising: ~~a nucleotide sequence selected from the group consisting of:~~
 - (i) SEQ ID NO: 1,
 - (ii) SEQ ID NO: 4,
 - (iii) the antisense strand of SEQ ID NO: 1,
 - (iv) the antisense strand of SEQ ID NO: 4,
 - (v) SEQ ID NO: 1 wherein one or more uridine nucleic acids are substituted for thymidine nucleic acid bases, ~~and~~ or
 - (vi) SEQ ID NO: 4 wherein one or more uridine nucleic acids are substituted for thymidine nucleic acid bases.
3. (Currently Amended) The isolated nucleic acid according to claim 2 wherein the nucleic acid is obtained from a natural, ~~synthetic or semi-synthetic~~ source.
- 4 - 7. (Cancelled).
8. (Previously presented) A recombinant DNA vector molecule, which comprises a nucleic acid according to claim 2, wherein said DNA vector molecule expresses protein pKe#122, in a prokaryotic or eukaryotic cell.
9. (Previously presented) The recombinant DNA vector molecule according to claim 8, wherein the vector molecule is the plasmid pUEX-1 or pGEX-2T or pBK-CMV or pHR2.
10. (Previously presented) An isolated transformed host cell comprising a nucleic acid according to claim 2, wherein the nucleic acid is coupled with an activatable promoter

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present in the host cell naturally or as the consequence of a recombination, and wherein the nucleic acid has the ability to express a protein that occurs in human keratinocytes and is increasingly expressed when the keratinocytes are in an activated state.

11-16. (Cancelled).

17. (Previously presented) A reagent for the indirect detection of a protein that occurs in human keratinocytes, said protein being increasingly expressed in activated keratinocytes as compared to non-activated keratinocytes, wherein the reagent comprises at least one nucleic acid consisting of elements (iii) or (iv) of claim 2.

18-28. (Cancelled).

29. (Previously presented) The isolated transformed host cell containing a nucleic acid according to claim 10, wherein said protein is pKe#122.

30. (Previously presented) The reagent according to claim 17, wherein said protein is pKe#122.

31. (Cancelled).

32. (New) The isolated nucleic acid according to claim 2 wherein the nucleic acid is obtained from a synthetic source.

33. (New) The isolated nucleic acid according to claim 2 wherein the nucleic acid is obtained from a semi-synthetic source.